



UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office

Address: COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.
-----------------	-------------	----------------------	---------------------

09/369,502 08/05/99 KASHEF

F VISAP018/P10

EXAMINER

022434
BEYER WEAVER & THOMAS LLP
P.O. BOX 778
BERKELEY CA 94704-0778

MM92/0329

TAYLOR, L
ART UNIT

PAPER NUMBER

2876
DATE MAILED:

03/29/01

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trad marks

Office Action Summary

Application No.

09/369,502

Applicant(s)

KASHEF ET AL.

Examiner

Larry D Taylor

Art Unit

2876

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136 (a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☐ Responsive to communication(s) filed on ____.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-36 is/are pending in the application.
- 4a) Of the above claim(s) ____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) ____ is/are allowed.
- 6) ☒ Claim(s) 1-36 is/are rejected.
- 7) ☐ Claim(s) ____ is/are objected to.
- 8) ☐ Claims ____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on ____ is/are objected to by the Examiner.
- 11) ☐ The proposed drawing correction filed on ____ is: a) ☐ approved b) ☐ disapproved.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. § 119

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. ____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).

Attachment(s)

- 15) ☒ Notice of References Cited (PTO-892)
- 16) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 17) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 6.
- 18) ☐ Interview Summary (PTO-413) Paper No(s). ____.
- 19) ☐ Notice of Informal Patent Application (PTO-152)
- 20) ☐ Other:

DETAILED ACTION

Receipt of Pre-Amendment

1. Receipt is acknowledged of the pre-amendment filed 13 March 2000.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-36 are rejected under 35 U.S.C. 103(a) as being unpatentable over Eaton et al. (US 6,012,050).

Eaton teaches a transaction system that utilizes an ATM terminal 93, the system comprising an operating system and terminal hardware and an environmental services layer L4 that is dependent upon the operating system and/or hardware. The layers, labeled collectively as the Integrated Channel Manager 100, contains applications to select and activate environment dependent services 111-115, the applications independent from the hardware or operating system and allowing multiple channels to be accessed (see figures 2-4, col. 4, line 5 – col. 5, line 8). The environmental dependent services may consist of any combination of structures, affording the possibility of identical structures. Interfaces 132, 134, 136 allow the applications to identify an environmental dependent services layer. A business logic layer (item 130 of figure 3) contains interfaces 122, 124, 126 and modules 142, 144, 146, 148 that are responsible for executing business application commands and functions. Layer L6 provides services that enable peripheral devices to be accessed (col. 4, lines 66-67). Multimedia

Art Unit: 2876

services can also be accessed, those including a user interface or printing means (col. 6, lines 27-34). The system may be used as a loyalty card service.

Eaton fails to teach the terminal application as compatible with a smart card, the card's information able to use different modules or applications, and the terminal application as portable to a plurality of terminals.

Wilkinson teaches using a smart card 10 to control communication with a terminal, the card being recognized and identified by the terminal application when presented to the card reader (see figure 13 and page 24, line 14 – page 25, line 4) and supplying applications to be used within the terminal. The card contains multiple card applications. The applications utilized may be provided by different companies using different terminals (page 6, line 33 – page 7, line 1). It would have been obvious to one of ordinary skill in the art to employ the use of the card with the system of Eaton. It is well known in the art to use cards to transport data from one card-reading terminal to another. The data containing different applications would afford the terminal of Eaton to become more versatile in the types of transactions it can handle. This also allows different terminals to employ similar applications, as the card would be readily portable and available to operate successfully with the terminal.

Although the teachings do not specify the business layer implementing business policies if the card is not recognized, it would have been obvious to employ such a feature within the system. Official Notice is taken that it is known in the art for terminals of financial institutions to implement features if, per se, the card of a user is not recognized. For instance, if a customer is trying access funds with the card at a terminal, but the card is not recognized, the terminal applications with enable certain business policies, such as asking for other types of account identifiers or penalizing an account for using an incorrect card.

Art Unit: 2876

Conclusion

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. Fatahalian et al. (US 5,029,077), Boucher et al. (US 5,764,894), and Stonier et al. (US 5,763,418) teach the operation of terminals using various applications, hardware and software layers, and operating systems.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Larry D Taylor whose telephone number is (703) 306-5867. The examiner can normally be reached on M-F (8:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael G. Lee can be reached on (703) 305-3503. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 308-7722 for regular communications and (703) 308-7722 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-0956.



Larry D Taylor
March 26, 2001



MICHAEL G. LEE
SUPERVISORY PATENT EXAMINER
TECHNOLOGY CENTER 2800